AMENDMENTS TO THE CLAIMS

The following listing of claims is provided in accordance with 37 C.F.R. § 1.121.

1-10.   (Cancelled).

11.   (Original)   A method for separating digitized images on a digitized sheet of film, comprising:

accessing a digitized sheet of film having a number of digitized images, the sheet of film resulting from scanning of an analog sheet of film reproduced from image data acquired with a medical imaging modality;

configuring a digital template based on the number of digitized images; and

slicing and collating the digitized images by applying the digital template to the digitized sheet.

12.   (Original)   The method of claim 11, wherein the digital template is configured and applied with a computer algorithm.

13.   (Original)   The method of claim 11, further comprising at least one of storing the collated digitized images, ordering the collated digitized images, displaying the collated digitized images in stack mode or cine mode, displaying the collated digitized images on a PACS workstation monitor, displaying the collated digitized images in combination with a DICOM header defining a series and order of the collated digitized images, registering the collated digitized images, comparing the collated digitized images with digital images, and registering the collated digitized images with digital images.

14.   (Original)   The method of claim 11, wherein original image data of the digitized images reproduced on the sheet of film is acquired with at least one of a magnetic resonance imaging (MRI) system, a computed tomography (CT) imaging, and an X-ray imaging system.

15.   (Original)   The method of claim 14, wherein the digitized sheet is stored after the sheet of film is scanned to generate the digitized sheet.

16-34. (Cancelled).

35. (Original) A system for separating digitized images within an image file of a digitized sheet of film, comprising:

means for accessing a digitized sheet of film having a number of digitized images, the sheet of film resulting from scanning of an analog sheet of film reproduced from image data acquired with a medical imaging modality;

means for slicing and collating the digitized images with a digital template;

means for storing the collated digitized images; and

wherein the images are originally reproduced on the analog sheet of film from image data acquired with at least one of a magnetic resonance imaging (MRI) system, a computed tomography (CT) imaging, and an X-ray imaging system.

36. (Original) The system of claim 35, further comprising means for displaying the collated digitized images on a PACS workstation monitor in stack mode or cine mode

37. (Original) The system of claim 35, further comprising means for ordering and registering the collated digitized images.

38-52. (Cancelled).

53. (Original) A computer program, provided on one or more tangible media, for separating digitized images within an image file of a digitized sheet of film, comprising:

a routine for accessing a digitized sheet of film having a number of digitized images, the sheet of film resulting from scanning of an analog sheet of film reproduced from image data acquired with a medical imaging modality;

a routine for slicing and collating the digitized images with a digital template;

a routine for storing the collated digitized images; and

wherein the images are originally reproduced on the analog sheet of film from image data acquired with at least one of a magnetic resonance imaging (MRI) system, a computed tomography (CT) imaging, and an X-ray imaging system.

54.   (Original)   The computer program of claim 53, further comprising a routine for displaying the collated digitized images on a PACS workstation monitor in stack mode or cine mode

55.   (Original)   The computer program of claim 53, further comprising a routine for ordering and registering the collated digitized images.

56-63. (Cancelled).